

~~SECRET~~
CONFIDENTIAL

3 May 1957

MEMORANDUM FOR THE RECORD

SUBJECT: (Status of Clam Project as Determined During a Visit []
on 26 April 1957

25X1

1. Production of the 1000 molded polyethylene clam bodies was started on April 26 and [] should have them by April 30. All other parts are on hand so the assembly can start immediately. 25X1

2. Verbal authority was obtained to extend the task from 30 April to 30 June with no additional funds so that [] could assemble the units and write the final report. 25X1

3. Arrangements have been started to ship the 1000 units to [] Fort Belvoir. 25X1

25X1 4. The actual injection molding of the clam bodies was witnessed at [] The operation was going smoothly with a total cycle time of eighty seconds. Of that time, sixty seconds were consumed with the mold closed (injection and cooling) and twenty seconds was taken for removing the parts and adding the magnets for the next shot. The injection pressure was 800 psi and the temperature was 325°F at the heater (about 275°F at inlet to cavity according to the engineer in charge). The mold is water cooled and a low melt index (about 2-1/2) polyethylene is used. The molder mixed the black pigment in his plant.

5. The question of where to store the mold arose and at the time it appeared best to let the molder keep the molds but because further procurement may not be through [] it appears more practical to have them shipped to the []. 25X1
25X1

6. The next phase of this project will be an extensive testing program at [] 25X1
[] 25X1

:dm

~~SECRET~~

CONFIDENTIAL